

## Conservation Practice Physical Effects – Wetland Restoration (657)

Soil	Resource Problem/Consideration	Effect
1. Erosion	(a) Sheet and Rill	Slight +
	(b) Wind	Slight +
	(c) Concentrated Flow: Ephemeral Gully	Slight +
	(d) Concentrated Flow: Classic Gully	Slight +
	(e) Streambank	Slight +
	(f) Irrigation Induced	Slight +
	(g) Soil Mass Movement	Negligible
	(h) Roadbank and Construction Sites	Negligible
	(i) Safety	Not Applicable
	2. Condition	
	(a) Soil Tilth Crusting, Water Infiltration, Organic Material	Slight +
	(b) Soil Compaction	Slight +
	<u>Soil Contaminants</u>	
	(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Slight +
	(d) Excess Animal Wastes & Other Organics	Negligible
	(e) Excess Fertilizer	Moderate +
	(f) Excess Pesticides	Slight +
	3. Deposition	
	(a) Damage: Onsite	Moderate +
	(b) Damage: Offsite	Moderate +
	(c) Safety: Onsite	Moderate +
	(e) Safety: Offsite	Slight +
Water	Resource Problem/Consideration	Effect
1. Quantity	(a) Excess Amounts: Seeps	Moderate +
	(b) Excess Amounts: Runoff / Flooding	Moderate +
	(c) Excess Amounts: Subsurface Water	Moderate +
		Slight +
	(e) Water Management for Irrigated Land	Not Applicable
	(f) Water management for Non-Irrigated Land	Not Applicable
	(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Moderate +
	(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Moderate +
	(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Moderate +
	2. Quality	
	<u>Groundwater Contaminants</u>	
	(a) Pesticides	Slight +
	(b) Nutrients and Organics	Slight +
	(c) Salinity	Slight +
	(d) Heavy Metals	Negligible
	(e) Pathogens	Slight +
	<u>Surface Water Contaminants (Streams and Lakes)</u>	
	(g) Pesticides	Moderate +
	(h) Nutrients and Organics	Significant +
	(i) Suspended Sediment and Turbidity	Significant +
	(j) Low Dissolved Oxygen	Moderate +
	(k) Salinity	Slight +
	(l) Heavy Metals	Moderate +
	(m) Temperature	Moderate +
	(n) Pathogens	Moderate +
	(o) Aquatic Habitat Suitability	Significant +

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Air Resource Problem/Consideration	Effect
<b>1. Quality</b> (a) Sediment and Smoke Particulates Causing Safety Problems: Onsite (b) Sediment and Smoke Particulates Causing Safety Problems: Offsite (c) Sediment Particulates Causing Machinery Vehicle, or Structure Problems: Onsite (d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite (e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite (f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite (g) Airborne Sediment Particulates Causing Conveyance Problems (h) Airborne Chemical Drift: Onsite (i) Airborne Chemical Drift: Offsite (j) Airborne Odors  <b>2. Condition</b> (a) Air Temperature (b) Air Movement (c) Humidity	Negligible Negligible Negligible Negligible Negligible Negligible Negligible Not Applicable Not Applicable Not Applicable  Slight + Slight + Moderate +
Plant Resource Problem/Consideration	Effect
<b>1. Suitability</b> (a) Plants are not well adapted to site (b) Plants are unsuitable for intended use  <b>2. Condition</b> Productivity (Kinds, Amounts & Distribution) (a) Cropland (b) Hayland and Pastureland (c) Rangeland (d) Seeded Rangeland (e) Annual Rangeland (f) Forestland (g) Other Land (Wildlife, Recreation etc.) (h) Health and Vigor (i) Plant Damage by Wind Erosion  <b>3. Management</b> (a) Establishment, Growth, and Harvest (b) Nutrient Management (c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Significant + Significant +  Slight - Slight + Slight + Not Applicable Not Applicable Negligible Significant + Slight + Not Applicable  Negligible Negligible Slight -
Animal Resource Problem/Consideration	Effect
<b>1. Habitat</b> <u>Domestic Animals</u> (a) Food (b) Cover or Shelter (c) Quantity and Quality of Drinking Water <u>Wildlife</u> (d) Food (e) Cover or Shelter (f) Quantity and Quality of Drinking Water  <b>2. Management</b> (a) Population / Resource Balance (b) Animal Health	Moderate + Slight + Moderate +  Significant + Significant + Significant +  Moderate + Slight +